



CELEBRATING OUR SCIENCE

*Worthwhile advances are seldom made
without taking risks.*

W.I.B. Beveridge, 1950

CELEBRATING OUR SCIENCE: Grants, Awards, Honors, and Recognition

Many scientific and professional organizations hold the work of the Bureau of Integrated Science Services in high regard. Our staff members are leaders in their fields and are recognized by their peers within and outside the agency. Respect and recognition helps attract millions of dollars in grant funding each year. Listed below are some of the more noteworthy grants, awards, honors, and recognition bestowed on our staff members. The many projects funded by other DNR programs are not listed.

R. Arneson was a finalist for the department's 2002 "Rebecca Wallace Award" and received recognition from former Secretary Darrell Bazzell in the form of a certificate and pin.

R. Arneson and D. Siebert were each nominated by their peers for the Natural Resources Board's 2002 "Brogan Award."

The U.S. EPA awarded **T. Aten** over \$338,944 in grant funds to develop the department's node on the National Environmental Information Exchange Network. **T. Aten** served as State Co-Chair on the Electronic Discharge Monitoring Report XML Schema development project.

L.W. Ayers, B.R. Bub and T.L. Edblom and their colleagues in the Bureau of Endangered Resources received a 5-year, \$1,032,427 grant from the Wisconsin Department of Administration's Focus on Energy program. The project will provide data on the presence/absence, abundance, and distribution of various taxa associated with peatlands and document variables that could potentially influence the organisms being studied. This inventory will serve as a baseline for documenting effects of global climate change.

L.W. Ayers and E.E. Crain secured \$40,000 in 2001 to support the "Warblers and Orchids of the Coniferous Lowland Forest" study through the U.S. Fish and Wildlife Services' Wildlife Conservation and Restoration Program. Along with **B.R. Bub**, they secured an additional \$40,000 to support this research in 2003 through the U.S. Fish and Wildlife Services' State Wildlife Grants program.

L.W. Ayers and E.E. Crain received \$80,000 from the U.S. Fish and Wildlife Services' Wildlife Conservation and Restoration Program to support a "Statewide Small Mammal Inventory and Monitoring Plan" in 2001. Along with **R.A. Bautz**, they received an additional \$80,000 through the State Wildlife Grants program in 2003.

G.A. Bartelt was recognized for his contributions to the DNR's 50-year conservation land study, *Land Legacy*.

G.A. Bartelt received \$30,000 from the U.S. Fish and Wildlife Services' Partnerships for Wildlife program for a study on "Factors Influencing Avian Nesting Success in Pine Barrens." He also received \$120,000 over 2 years from the Partnerships for Wildlife program for "Integrating Livestock Production and Conservation: Use of Cattle in Restoration of Oak Savanna."

The U.S. Fish and Wildlife Services' Partnerships for Wildlife program awarded **G.A. Bartelt** and M. Rowe \$120,000 over 2 years for the "Development of Guidelines to Prevent Excessive Mortality to Bats Using the Largest Known Bat Hibernaculum in the Midwest."

R.A. Bautz was awarded \$1,000 to support a "Survey of Franklin's ground squirrel distribution in Wisconsin" by the Wisconsin Academy of Sciences, Arts, and Letters through the Lois Almond Grants Fund.

Science Services
staff obtained
over \$4.9 million in
grants during the
2001-2003
biennium.

The U.S. EPA awarded \$37,600 to **D. Dinsmore** for her study “Are Landfills a Source of Pesticide Contamination in Groundwater?”

T.L. Edblom is serving as the Secretary for the Midwest Regional Chapter of the Society of Environmental Toxicology and Chemistry (SETAC). She is also a co-Investigator for the \$15,171 study “Levels of Polybrominated Diphenyl Ethers (PBDEs) in Eggs of Wisconsin Cormorants” funded by the U.S. EPA’s Great Lakes National Program Office in 2002.

The Wisconsin Chapter of the American Fisheries Society awarded **D. Fago** (retired) its “Bill Threinen Award” in 2002.

The U.S. Fish and Wildlife Service awarded **R. Gatti** \$40,000 over 2 years for “Private Lands Duck Research.”

J. Hauxwell is serving as the co-Principal Investigator for the ongoing projects “Wetland Monitoring Methods Phase 2: Evaluating and Integrating Assessment Methods” (\$20,000) and “Use of Diatoms and Plants for Nutrient Assessment in Depressional Wetlands” (\$50,000) funded by the U.S. EPA’s Region V.

J. Hauxwell continues to serve as a Courtesy Assistant Professor in the Department of Zoology at the University of Florida, Gainesville and on the University of Wisconsin’s Environmental Remote Sensing Center’s Committee for Water Quality Issues.

J. Hauxwell completed peer reviews for papers submitted to the following journals: *Ecology*, *Journal of Phycology*, *Journal of Sea Research*, *Scientia Marina*, and *Estuarine, Coastal and Shelf Science*.

The U.S. Fish and Wildlife Service awarded **RA. Henderson** \$110,300 through the Partnerships for Wildlife Program to support a study on “Prairie insect, distribution, status, and response to management.”

R.A. Henderson continues to serve on the Board of Directors of the Wisconsin Chapter of the Nature Conservancy. He also serves as Chair of TNC’s Conservation Committee, a technical advisory group made up of scientists.


J. Kline received a \$3000 grant to partner with the U.S. EPA on a publication, *Midwestern Ephemeral Wetlands: A Vanishing Habitat* from the Wildlife Conservation and Restoration Program, a sub-account of the Federal Pittman-Robertson Aid in Wildlife Restoration Act.

The Wisconsin Coastal Management Program awarded \$130,000 to **J. Kline** to acquire and restore 73 acres to protect the recently designated Huiras Lake State Natural Area.

B. Kohn and **K. McCaffery** (retired) continue to serve as University Associates with the University of Wisconsin-Stevens Point.

R.C. Lathrop is the Principal Investigator along with nine co-Principal Investigators from the University of Wisconsin-Madison, University of Wisconsin-Platteville, and the DNR for the study “Measuring and Modeling the Source, Transport, and Bioavailability of Phosphorus in Agricultural Watersheds.” The investigation received a “Science to Achieve Results (STAR)” grant from the U.S. EPA with an award amount of \$749,307.

The National Science Foundation’s Long-term Ecological Research Network Office awarded **R.C. Lathrop** a \$12,000 grant to host a workshop on “Sense-of-Place Attitudes in North Temperate Lake Districts” in 2002.



R.C. Lathrop lead an initiative to help the Friends of Devil's Lake State Park apply for and receive a \$200,000 State Lake Protection Grant and a \$100,000 EPA Clean Lakes Grant to install the bottom withdrawal system in Devil's Lake. This project received "A Project of Distinction Award" from the Wisconsin Associated Builders and Contractors, Inc. in the "Environmental" category.

J. Lyons continues to serve as Adjunct Curator of Fishes at the University of Wisconsin's Zoology Museum.

The Wisconsin Department of Transportation's District 8 recognized **T. Marquardt** for his expertise in design review during a time of staffing deficiency. Tom's efforts resulted in over 10 design projects remaining on schedule and a re-evaluation of how erosion control is addressed during highway construction.

K.J. Martin serves as an Associate Editor of the *Journal of Wildlife Management*.

K.J. Martin served as a Committee Member for "Ecology and Conservation of Mammals and other Wildlife" and a Session Moderator for the 9th annual Wildlife Society meeting in 2002.

The Ruffed Grouse Society awarded \$6,000 to **K.J. Martin** and R.S. Lutz for their study "Abundance of Golden-winged Warblers on Forested Landscapes in Northern Wisconsin". The U.S. Fish and Wildlife Service contributed an additional \$15,000 to the study.

The Wisconsin Chapter of The Wildlife Society presented its 2002 Wisconsin Award to **K.R. McCaffery** (retired) in recognition of his many years of deer research.

M.W. Meyer continues to serve as an adjunct faculty member in the Department of Biological Sciences at the University of Wisconsin-LaCrosse.

The U.S. EPA awarded \$490,000 to **M.W. Meyer** through the Science to Achieve Results (STAR) grant program for 2001-2005 for his study "Evaluating the Impact of Multiple Stressors on Common Loon Population Demographics – An Integrated Laboratory and Field Approach." More recently, the Focus on Energy Environmental Research Program awarded **M.W. Meyer** \$220,000 in 2003 for "Assessing the Ecological Risk of Mercury Exposure to Common Loons."

D.J. Mladenoff presented the keynote address, "A tale of two forests: The history of the northern forest and A tribute to Forest Stearns" at the 2001 Northern Forest Restoration Workshop in Ashland, WI.

P. O'Donnell was nominated to receive a Wisconsin Clean Water Achievement Award as part of a special recognition program created to celebrate the 30th anniversary of the federal Clean Water Act, and to identify individuals and organizations who played key roles in Wisconsin's quest for clean water.

The Wisconsin Rural Water Association (WRWA) awarded a Lifetime Achievement Award to **P. O'Donnell**. The award is presented "each year to an individual that has demonstrated a lifetime of excellence in the field of waterworks operations. This individual has been recognized by his/her peers as deserving of WRWA's highest award for dedication and service to their community"

D. Sample received \$120,000 from the U.S. Fish and Wildlife Services' Partnerships for Wildlife program to support his 2-year study "Landscape-scale Management of Grassland Bird Populations in Wisconsin." Sample also received \$60,000 over 2 years from the Partnerships for Wildlife program for the study "Predator Activity and Grassland Bird Nesting Success in an Agricultural Landscape."

The Wildlife Conservation Reinvestment Program provided **D. Sample** with \$20,000 for his study "Monitoring the Response of Grassland Birds to the Wisconsin Conservation Reserve Enhancement Program (CREP)."

A. Sotomayor was chosen to serve on the Board of Directors for the Institute for National Environmental Laboratory Accreditation (INELA), an organization involved in developing and establishing national laboratory and analytical standards.

L. Vine is the Founder and continues to serve as Director of the Marsh Haven Nature Center adjacent the northwest corner of Horicon Marsh. He received the "Wildlife Educator of the Year" award at the DNR's 2002 statewide Wildlife Management conference for his work at Marsh Haven.

The American Advertising Federation's Dubuque Iowa Chapter recently presented an "Addy" award to **M. Voss** for her design of *Checklists of Wisconsin Vertebrates*. The 2-color publication was submitted by Woodward Printing Co. and was awarded a second place in the "Best Print Quality and Design" category.

L. Wang, J. Lyons and **P. Kanehl** received the water quality section's "Best Professional Poster" award at the 2002 American Fisheries Society Annual Meeting for their poster "Impacts of Urban Land Use on Trout Streams in Wisconsin and Minnesota."

The U.S. EPA awarded **L. Wang, J. Lyons** and their colleagues from Michigan and Illinois a \$60,000 Science to Achieve Results (STAR) grant from for their study "Ecological classification of rivers for environmental assessment: demonstration, validation, and application to regional risk assessment across Illinois, Michigan, and Wisconsin."

L. Wang and his colleagues M. Miller and D. Robertson received a \$95,000 grant from the U.S. EPA's REMAP program for the "Development of a probability-based stream monitoring and assessment strategy for Wisconsin."

The U.S. Geological Survey awarded \$40,000 to **L. Wang** and J. Stewart for the "Development of stream segment classification for assessing stream ecological conditions."

D.J. Watermolen continues to serve as a Research Affiliate with the Invertebrate Zoology Section at the Milwaukee Public Museum. He is currently Editor of the Wisconsin Society for Ornithology's journal, *The Passenger Pigeon*.

The Lake Superior Basin Trust awarded **C.J. Watras** \$94,000 for his study "Declining mercury in aquatic habitats of northern Wisconsin: recent trends in the Lake Superior Basin" in 2001-2004.

C.J. Watras received a grant of \$394,000 from the Forest County Potawatomi Community for the study "Atmospheric deposition and biogeochemistry of mercury and other trace contaminants in aquatic ecosystems" in 2001-2005.